Records Management in a Big Data World

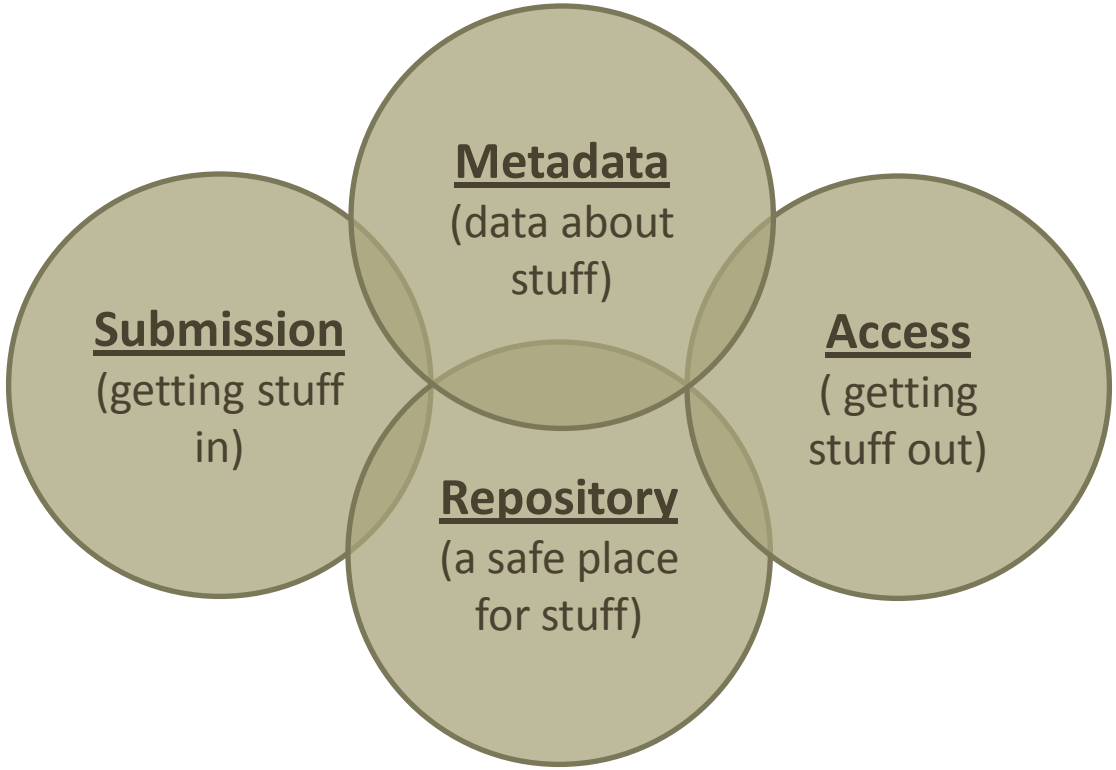
April 18, 2012

Big Data

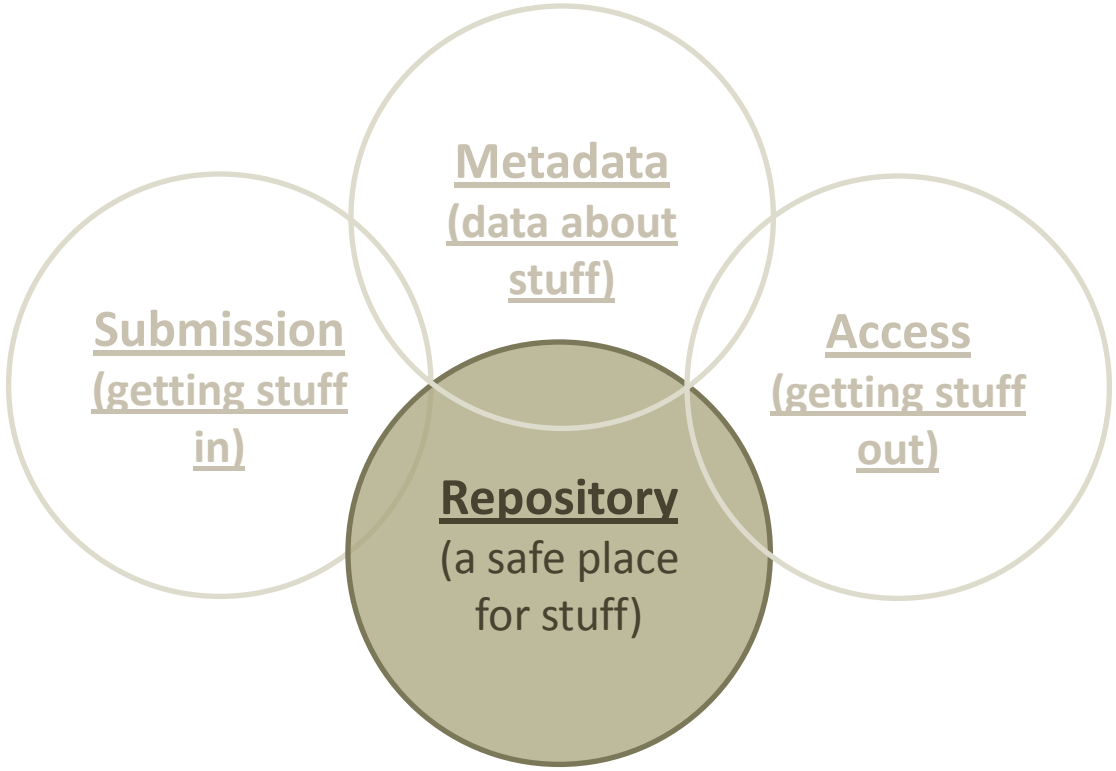
A possible definition…..

Datasets whose **size** is beyond the ability of typical software tools to **capture**, **store**, **manage**, and **analyze** within a tolerable elapsed time.

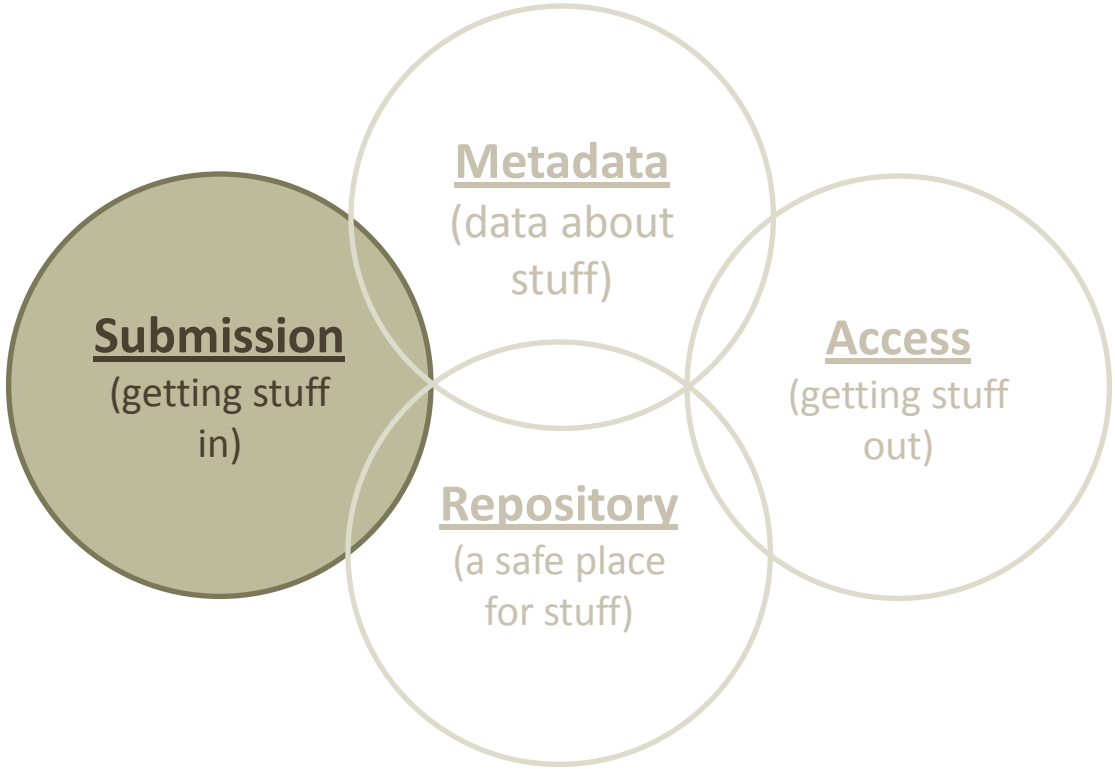
Information Management



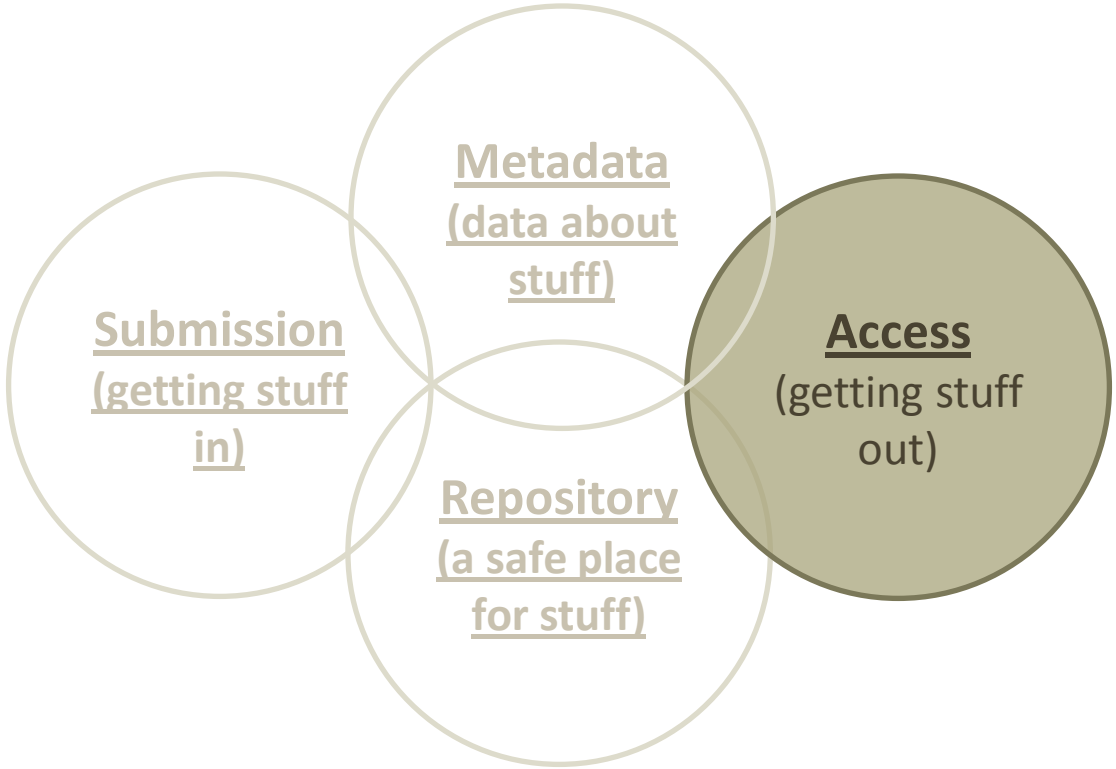
Data Repository



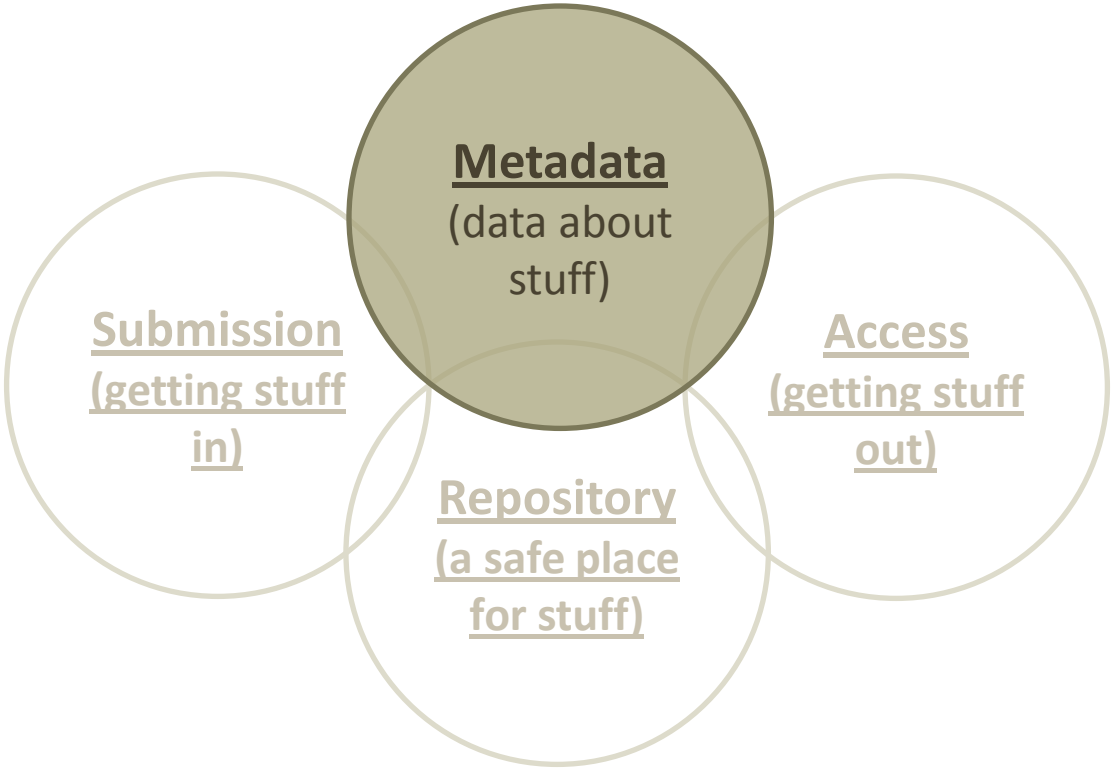
Submission


Metadata
(data about stuff)
Submission
(getting stuff in)
Access
(getting stuff out)
Repository
(a safe place for stuff)

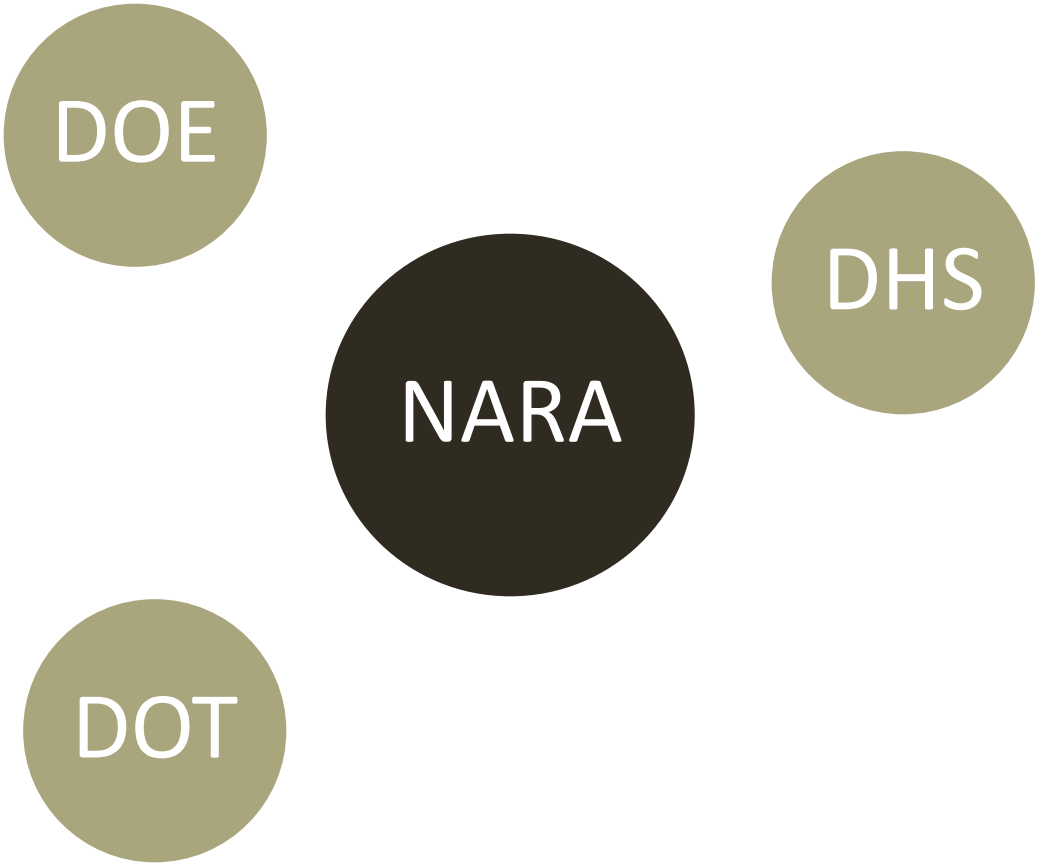
Information Management



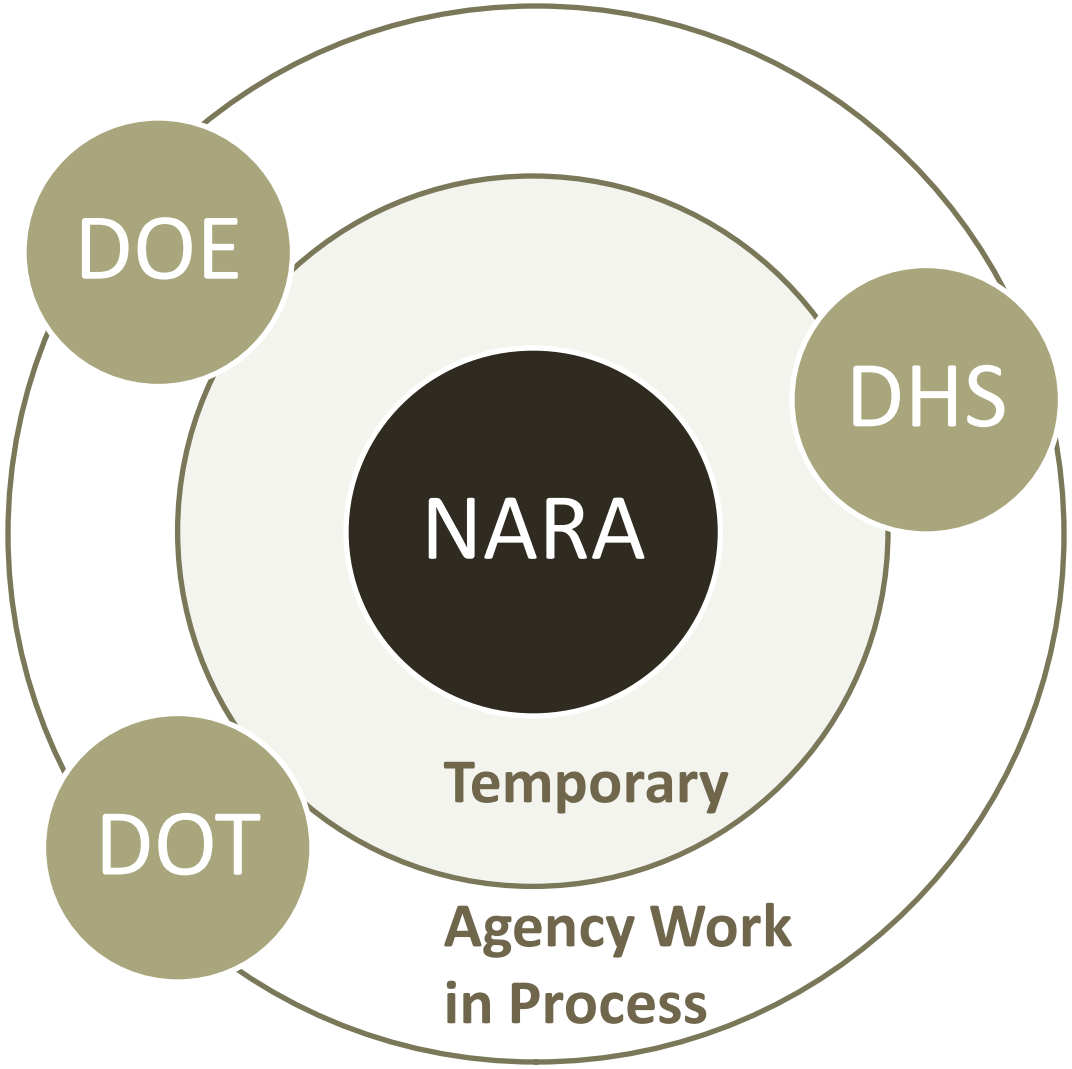
Information Management



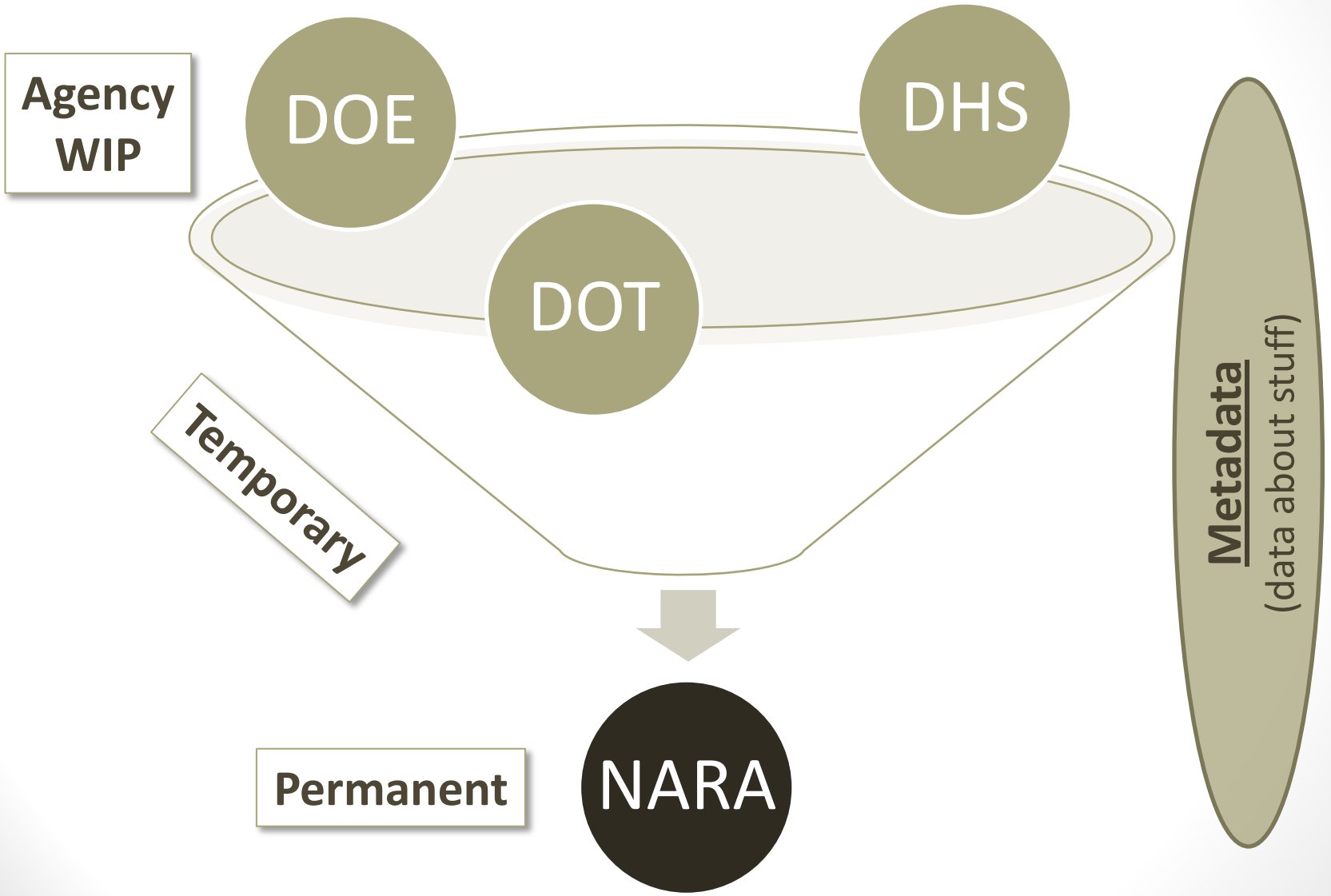
Information Storage Model



Cloud Model



Federal Cloud → NARA Funnel



Big Data = Big Opportunities

but…

Big Data = Big Challenges

done right will yield…

Huge Benefits

"Science is about what is, and engineering is about what can be.

The entire existence of engineers is dedicated to doings things better and more efficiently."

Neil Armstrong, 2000

Mike Wash
michael.wash@nara.gov
301.837.1992